

ABSTRACT

Disclosed is a method for producing a catalyst for removing nitrogen oxides which comprises dispersing a hydrated titanium (Ti) oxide or dried material thereof, tungstic acid or a salt thereof, and cerium (Ce) dioxide in a dispersion medium to form a sol-like material, mixing the sol-like material with an aqueous medium to form a catalyst slurry or paste, supporting the catalyst slurry or paste on a catalyst carrier, and then calcinating the carrier; in which catalyst the Ce dioxide is prevented from being embedded in the Ti oxide to realize such a high degree of dispersion of the Ce dioxide on the surface of the Ti oxide as comparable with the case wherein cerium ions are dispersed in micro voids of a zeolite by ion exchange; and the catalyst is free from the occurrence of such phenomena as sintering of the Ti oxide, and deterioration of zeolite with steam when a zeolite is used as carrier.